

CLAIMS

What is claimed:

1. A method for performing on a computer system the execution of an IMS batch application originally coded to execute as a DLI/DBB batch application, wherein said IMS batch
5 application executes as either said DLI/DBB batch application or as a Batch Message Processing batch application, said method comprising the steps of:
 - intercepting a transfer of control to said IMS batch application, wherein said transfer of control includes a list of PCB pointers;
 - determining if said IMS batch application is invoked as said Batch Message Processing
10 batch application;
 - forming a modified list of PCB pointers from said list of PCB pointers if said IMS batch application is invoked as said Batch Message Processing batch application; and
 - completing said transfer of control to said IMS batch application wherein said completion of said transfer of control includes passing either said modified list of PCB
15 pointers if said IMS batch application is invoked as said Batch Message Processing batch application or passing said list of PCB pointers if said IMS batch application is invoked as said DLI/DBB batch application.

2. The method of claim 1 wherein said determining step comprises:

performing a LOAD for an IMS Parameter Root Anchor Module;

obtaining the location of a Program Specification Table using a first predetermined offset from the beginning of said IMS Parameter Root Anchor Module; and

5 interrogating a flag at a second predetermined offset within said Program Specification Table.

3. The method of claim 1 wherein said forming step comprises removing an IOPCB pointer from said list of PCB pointers.

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4. The method of claim 1 wherein said completing step comprises passing said modified list of PCB pointers utilizing a Register 1.

5. The method of claim 1 wherein said intercepting step comprises linking a front-end routine
15 together with said IMS batch application wherein said front-end routine receives control prior to invoking said IMS batch application.

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6. A method for executing a DLI/DBB batch application as a Batch Message Processing batch application on a computer system, comprising the steps of:

linking a PCB normalizing front-end routine with said DLI/DBB batch application to form a load module;

5 identifying said load module on a Job Control Language EXEC statement; and

submitting a job comprising said Job Control Language EXEC statement for execution, wherein said DLI/DBB batch application receives control from said PCB normalizing front-end routine and executes as said Batch Message Processing batch application.

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7. A computer system for executing an IMS batch application originally coded to execute as a DLI/DBB batch application, wherein said IMS batch application executes as either said DLI/DBB batch application or as a Batch Message Processing batch application, said computer system comprising:

5 a computer;

first computer program instructions for intercepting a transfer of control to said IMS batch application, wherein said transfer of control includes a list of PCB pointers;

second computer program instructions for determining if said IMS batch application is invoked as said Batch Message Processing batch application;

10 third computer program instructions for forming a modified list of PCB pointers from said list of PCB pointers if said IMS batch application is invoked as said Batch Message Processing batch application; and

fourth computer program instructions for completing said transfer of control to said IMS batch application wherein said completion of said transfer of control includes passing
15 either said modified list of PCB pointers if said IMS batch application is invoked as said Batch Message Processing batch application or passing said list of PCB pointers if said IMS batch application is invoked as said DLI/DBB batch application.

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8. The system of claim 7 wherein said second computer program instructions comprise instructions for:

performing a LOAD for an IMS Parameter Root Anchor Module;

obtaining the location of a Program Specification Table using a first predetermined

5 offset from the beginning of said IMS Parameter Root Anchor Module; and

interrogating a flag at a second predetermined offset within said Program Specification Table.

9. The system of claim 7 wherein said third computer program instructions comprise

10 instructions for removing an IOPCB pointer from said list of PCB pointers.

10. The system of claim 7 wherein said fourth computer program instructions comprise

instructions for passing said modified list of PCB pointers utilizing a Register 1.

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11. An article of manufacture for use in a computer system tangibly embodying computer instructions executable by said computer system to perform process steps for executing an IMS batch application originally coded to execute as a DLI/DBB batch application, wherein said IMS batch application executes as either said DLI/DBB batch application or as a Batch Message Processing batch application, said process steps comprising:
- 5 intercepting a transfer of control to said IMS batch application, wherein said transfer of control includes a list of PCB pointers;
- determining if said IMS batch application is invoked as said Batch Message Processing batch application;
- 10 forming a modified list of PCB pointers from said list of PCB pointers if said IMS batch application is invoked as said Batch Message Processing batch application; and
- completing said transfer of control to said IMS batch application wherein said completion of said transfer of control includes passing either said modified list of PCB pointers if said IMS batch application is invoked as said Batch Message Processing batch application or passing said list of PCB pointers if said IMS batch application is invoked as
- 15 said DLI/DBB batch application.

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12. The article of manufacture according to claim 11 wherein said determining step comprises:

performing a LOAD for an IMS Parameter Root Anchor Module;

obtaining the location of a Program Specification Table using a first predetermined

offset from the beginning of said Root Anchor Module; and

5 interrogating a flag at a second predetermined offset within said Program Specification Table.

13. The article of manufacture according to claim 11 wherein said forming step comprises

removing an IOPCB pointer from said list of PCB pointers.

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14. The article of manufacture according to claim 11 wherein said completing step comprises

passing said modified list of PCB pointers utilizing a Register 1.